

# Ivo Lambrichts

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

197  
papers

5,711  
citations

42  
h-index

67  
g-index

205  
ext. papers

6,689  
ext. citations

4.8  
avg. IF

5.55  
L-index

#	Paper	IF	Citations
197	BMP-2 incorporated biomimetic CaP coating functionalized 3D printed Ti6Al4V scaffold induces ectopic bone formation in a dog model. <i>Materials and Design</i> , <b>2022</b> , 215, 110443	8.1	0
196	Organoids from human tooth showing epithelial stemness phenotype and differentiation potential.. <i>Cellular and Molecular Life Sciences</i> , <b>2022</b> , 79, 153	10.3	0
195	Targeting lipophagy in macrophages improves repair in multiple sclerosis.. <i>Autophagy</i> , <b>2022</b> , 1-14	10.2	2
194	By the Skin of Your Teeth: A Subcutaneous Mouse Model to Study Pulp Regeneration. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2206, 223-232	1.4	1
193	Chlorite oxidized oxyamylose differentially influences the microstructure of fibrin and self assembling peptide hydrogels as well as dental pulp stem cell behavior. <i>Scientific Reports</i> , <b>2021</b> , 11, 56874.9	4.9	1
192	Safety and Homing of Human Dental Pulp Stromal Cells in Head and Neck Cancer. <i>Stem Cell Reviews and Reports</i> , <b>2021</b> , 17, 1619-1634	7.3	0
191	Unraveling the Role of the Apical Papilla During Dental Root Maturation. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 665600	5.7	0
190	Effect of platelet-rich and platelet-poor plasma on 3D bone-to-implant contact: a preclinical micro-CT study. <i>International Journal of Implant Dentistry</i> , <b>2021</b> , 7, 11	2.8	0
189	Assessment of the DNA Damage Response in Dental Mesenchymal Stromal Cells Following Low Dose X-ray Exposure. <i>Frontiers in Public Health</i> , <b>2021</b> , 9, 584484	6	4
188	Comparison of extracellular vesicle isolation and storage methods using high-sensitivity flow cytometry. <i>PLoS ONE</i> , <b>2021</b> , 16, e0245835	3.7	11
187	Diagnostic accuracy of CBCT versus intraoral imaging for assessment of peri-implant bone defects. <i>BMC Medical Imaging</i> , <b>2021</b> , 21, 23	2.9	3
186	Radiobiological risks following dentomaxillofacial imaging: should we be concerned?. <i>Dentomaxillofacial Radiology</i> , <b>2021</b> , 50, 20210153	3.9	4
185	Reply to fetal side of the placenta: Anatomical mis-annotation of carbon particle transfer across the human placenta. <i>Nature Communications</i> , <b>2021</b> , 12, 7050	17.4	0
184	Oncostatin M-induced astrocytic tissue inhibitor of metalloproteinases-1 drives remyelination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 5028-5038	11.5	10
183	Peri-implant myelinated nerve fibers: Histological findings in dogs. <i>Journal of Periodontal Research</i> , <b>2020</b> , 55, 567-573	4.3	1
182	Chorioallantoic Membrane Assay as Model for Angiogenesis in Tissue Engineering: Focus on Stem Cells. <i>Tissue Engineering - Part B: Reviews</i> , <b>2020</b> , 26, 519-539	7.9	15
181	Long-term neurosensory disturbances after modified sagittal split osteotomy. <i>British Journal of Oral and Maxillofacial Surgery</i> , <b>2020</b> , 58, 986-991	1.4	1

180	Quantification of DNA Double Strand Breaks and Oxidation Response in Children and Adults Undergoing Dental CBCT Scan. <i>Scientific Reports</i> , <b>2020</b> , 10, 2113	4.9	7
179	Rosiglitazone Protects Endothelial Cells From Irradiation-Induced Mitochondrial Dysfunction. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 268	5.6	3
178	Therapeutic Potential of Dental Pulp Stem Cells and Leukocyte- and Platelet-Rich Fibrin for Osteoarthritis. <i>Cells</i> , <b>2020</b> , 9,	7.9	8
177	Glycolaldehyde-Derived High-Molecular-Weight Advanced Glycation End-Products Induce Cardiac Dysfunction through Structural and Functional Remodeling of Cardiomyocytes. <i>Cellular Physiology and Biochemistry</i> , <b>2020</b> , 54, 809-824	3.9	1
176	Angiogenic Effects of Human Dental Pulp and Bone Marrow-Derived Mesenchymal Stromal Cells and their Extracellular Vesicles. <i>Cells</i> , <b>2020</b> , 9,	7.9	28
175	Time-resolved characterization of the mechanisms of toxicity induced by silica and amino-modified polystyrene on alveolar-like macrophages. <i>Archives of Toxicology</i> , <b>2020</b> , 94, 173-186	5.8	5
174	Endurance Exercise Intervention Is Beneficial to Kidney Function in a Rat Model of Isolated Abdominal Venous Congestion: a Pilot Study. <i>Journal of Cardiovascular Translational Research</i> , <b>2020</b> , 13, 769-782	3.3	1
173	Glycolaldehyde-modified proteins cause adverse functional and structural aortic remodeling leading to cardiac pressure overload. <i>Scientific Reports</i> , <b>2020</b> , 10, 12220	4.9	2
172	Stearoyl-CoA desaturase-1 impairs the reparative properties of macrophages and microglia in the brain. <i>Journal of Experimental Medicine</i> , <b>2020</b> , 217,	16.6	25
171	Role of nanoparticle size and sialic acids in the distinct time-evolution profiles of nanoparticle uptake in hematopoietic progenitor cells and monocytes. <i>Journal of Nanobiotechnology</i> , <b>2019</b> , 17, 62	9.4	2
170	Matrix metalloproteinases and inhibitors in dentistry. <i>Clinical Oral Investigations</i> , <b>2019</b> , 23, 2823-2835	4.2	25
169	Regenerative Endodontic Procedures Posttrauma: Immunohistologic Analysis of a Retrospective Series of Failed Cases. <i>Journal of Endodontics</i> , <b>2019</b> , 45, 427-434	4.7	12
168	Letter to the Editor concerning the article "Application of red light phototherapy in the treatment of radioactive dermatitis in patients with head and neck cancer". <i>World Journal of Surgical Oncology</i> , <b>2019</b> , 17, 57	3.4	1
167	Method validation to assess in vivo cellular and subcellular changes in buccal mucosa cells and saliva following CBCT examinations. <i>Dentomaxillofacial Radiology</i> , <b>2019</b> , 48, 20180428	3.9	3
166	Preconditioning of Human Dental Pulp Stem Cells with Leukocyte- and Platelet-Rich Fibrin-Derived Factors Does Not Enhance Their Neuroregenerative Effect. <i>Stem Cells International</i> , <b>2019</b> , 2019, 8589149	5	5
165	High intensity training improves cardiac function in healthy rats. <i>Scientific Reports</i> , <b>2019</b> , 9, 5612	4.9	15
164	Use of CBCT Guidance for Tooth Autotransplantation in Children. <i>Journal of Dental Research</i> , <b>2019</b> , 98, 406-413	8.1	20
163	Is Hypoxia Related to External Cervical Resorption? A Case Report. <i>Journal of Endodontics</i> , <b>2019</b> , 45, 459-470	4.7	14

162	Dental Tissue and Stem Cells Revisited: New Insights From the Expression of Fibroblast Activation Protein-Alpha. <i>Frontiers in Cell and Developmental Biology</i> , <b>2019</b> , 7, 389	5.7	4
161	The Emerging Role of Triggering Receptor Expressed on Myeloid Cells 2 as a Target for Immunomodulation in Ischemic Stroke. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1668	8.4	23
160	Non-pulsed Sinusoidal Electromagnetic Field Rescues Animals From Severe Ischemic Stroke via NO Activation. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 561	5.1	3
159	Effect of platelet-rich plasma on peri-implant trabecular bone volume and architecture: A preclinical micro-CT study in beagle dogs. <i>Clinical Oral Implants Research</i> , <b>2019</b> , 30, 1190-1199	4.8	10
158	Effect of platelet-rich and platelet-poor plasma on peri-implant innervation in dog mandibles. <i>International Journal of Implant Dentistry</i> , <b>2019</b> , 5, 40	2.8	6
157	Chondroid metaplasia of paraspinal connective tissue in the degenerative spine. <i>Anatomy and Cell Biology</i> , <b>2019</b> , 52, 204-207	1.4	1
156	Current and Future Views on Pulpal Angiogenesis <b>2019</b> , 37-53		1
155	Biophysical skin measurements to evaluate the effectiveness of photobiomodulation therapy in the prevention of acute radiation dermatitis in breast cancer patients. <i>Supportive Care in Cancer</i> , <b>2019</b> , 27, 1245-1254	3.9	15
154	SOX10 Single Transcription Factor-Based Fast and Efficient Generation of Oligodendrocytes from Human Pluripotent Stem Cells. <i>Stem Cell Reports</i> , <b>2018</b> , 10, 655-672	8	50
153	Prevention of acute radiodermatitis by photobiomodulation: A randomized, placebo-controlled trial in breast cancer patients (TRANSDERMIS trial). <i>Lasers in Surgery and Medicine</i> , <b>2018</b> , 50, 763	3.6	26
152	Human Wharton's Jelly-Derived Stem Cells Display a Distinct Immunomodulatory and Proregenerative Transcriptional Signature Compared to Bone Marrow-Derived Stem Cells. <i>Stem Cells and Development</i> , <b>2018</b> , 27, 65-84	4.4	57
151	DIMITRA paediatric skull phantoms: development of age-specific paediatric models for dentomaxillofacial radiology research. <i>Dentomaxillofacial Radiology</i> , <b>2018</b> , 47, 20170285	3.9	10
150	Cell Homing for Pulp Tissue Engineering with Endogenous Dentin Matrix Proteins. <i>Journal of Endodontics</i> , <b>2018</b> , 44, 956-962.e2	4.7	28
149	Zoledronic Acid Induces Site-Specific Structural Changes and Decreases Vascular Area in the Alveolar Bone. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2018</b> , 76, 1893-1901	1.8	16
148	Three-dimensional Frankfort horizontal plane for 3D cephalometry: a comparative assessment of conventional versus novel landmarks and horizontal planes. <i>European Journal of Orthodontics</i> , <b>2018</b> , 40, 239-248	3.3	12
147	The human somatostatin receptor type 2 as an imaging and suicide reporter gene for pluripotent stem cell-derived therapy of myocardial infarction. <i>Theranostics</i> , <b>2018</b> , 8, 2799-2813	12.1	11
146	Improved Labeling of Pancreatic Islets Using Cationic Magnetoliposomes. <i>Journal of Personalized Medicine</i> , <b>2018</b> , 8,	3.6	6
145	Dermal Interstitial Alterations in Patients With Heart Failure and Reduced Ejection Fraction: A Potential Contributor to Fluid Accumulation?. <i>Circulation: Heart Failure</i> , <b>2018</b> , 11, e004763	7.6	8

144	Wide Intraoral Surgical Access to the Inferior Alveolar Nerve During Cryotherapy at the Infratemporal Fossa: Technical Modification. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2018</b> , 76, 2090.e1-2090.e15	1.8	20
143	Interdisciplinary Advances Towards Understanding and Enhancing the Therapeutic Potential of Stem Cell-Based Therapies for Ischaemic Stroke. <i>Springer Series in Translational Stroke Research</i> , <b>2018</b> , 21-45	0.1	
142	Angiogenic Properties of Leukocyte- and Platelet-Rich Fibrin <i>Scientific Reports</i> , <b>2018</b> , 8, 14632	4.9	23
141	Computer-based automatic classification of trabecular bone pattern can assist radiographic bone quality assessment at dental implant site. <i>British Journal of Radiology</i> , <b>2018</b> , 91, 20180437	3.4	5
140	Western diet given to healthy rats mimics the human phenotype of diabetic cardiomyopathy. <i>Journal of Nutritional Biochemistry</i> , <b>2018</b> , 61, 140-146	6.3	7
139	Stem Cells for Cartilage Repair: Preclinical Studies and Insights in Translational Animal Models and Outcome Measures. <i>Stem Cells International</i> , <b>2018</b> , 2018, 9079538	5	50
138	In vivo evidence for long-term vascular remodeling resulting from chronic cerebral hypoperfusion in mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2017</b> , 37, 726-739	7.3	15
137	MicroCT assessment of bone microarchitecture in implant sites reconstructed with autogenous and xenogenous grafts: a pilot study. <i>Clinical Oral Implants Research</i> , <b>2017</b> , 28, 308-313	4.8	14
136	Influence of basis images and skull position on evaluation of cortical bone thickness in cone beam computed tomography. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , <b>2017</b> , 123, 707-713	7.3	4
135	Platelet-rich plasma for regeneration of neural feedback pathways around dental implants: a concise review and outlook on future possibilities. <i>International Journal of Oral Science</i> , <b>2017</b> , 9, 1-9	27.9	22
134	Paracrine Maturation and Migration of SH-SY5Y Cells by Dental Pulp Stem Cells. <i>Journal of Dental Research</i> , <b>2017</b> , 96, 654-662	8.1	19
133	Molecular Imaging of Human Embryonic Stem Cells Stably Expressing Human PET Reporter Genes After Zinc Finger Nuclease-Mediated Genome Editing. <i>Journal of Nuclear Medicine</i> , <b>2017</b> , 58, 1659-1665	8.9	11
132	Direct detection of nano-scale extracellular vesicles derived from inflammation-triggered endothelial cells using surface plasmon resonance. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2017</b> , 13, 1663-1671	6	26
131	Engineered neural tissue with Schwann cell differentiated human dental pulp stem cells: potential for peripheral nerve repair?. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2017</b> , 11, 3362-3374	4.4	66
130	The Angiogenic Potential of DPSCs and SCAPs in an Model of Dental Pulp Regeneration. <i>Stem Cells International</i> , <b>2017</b> , 2017, 2582080	5	48
129	Validation of a novel imaging approach using multi-slice CT and cone-beam CT to follow-up on condylar remodeling after bimaxillary surgery. <i>International Journal of Oral Science</i> , <b>2017</b> , 9, 139-144	27.9	17
128	Dental Pulp Stem Cells: Their Potential in Reinnervation and Angiogenesis by Using Scaffolds. <i>Journal of Endodontics</i> , <b>2017</b> , 43, S12-S16	4.7	40
127	Tracking of the inferior alveolar nerve: its implication in surgical planning. <i>Clinical Oral Investigations</i> , <b>2017</b> , 21, 2213-2220	4.2	17

126	Pyridoxamine improves survival and limits cardiac dysfunction after MI. <i>Scientific Reports</i> , <b>2017</b> , 7, 160104.9	10.9	10
125	Report of Neuropathic Pain After Dental Implant Placement: A Case Series. <i>International Journal of Oral and Maxillofacial Implants</i> , <b>2017</b> , 32, 439-444	2.8	7
124	TRANSFUSION NEED IN ORTHOGNATHIC SURGERY - A REVIEW. <i>Stomatology Edu Journal</i> , <b>2017</b> , 4, 184-199	1.9	2
123	Accuracy and reliability of different cone beam computed tomography (CBCT) devices for structural analysis of alveolar bone in comparison with multislice CT and micro-CT. <i>European Journal of Oral Implantology</i> , <b>2017</b> , 10, 95-105	3.2	32
122	Regenerative endodontic procedure of an infected immature permanent human tooth: an immunohistological study. <i>Clinical Oral Investigations</i> , <b>2016</b> , 20, 807-14	4.2	37
121	Stem Cell-Based Therapies for Ischemic Stroke: Preclinical Results and the Potential of Imaging-Assisted Evaluation of Donor Cell Fate and Mechanisms of Brain Regeneration. <i>Medicinal Research Reviews</i> , <b>2016</b> , 36, 1080-1126	14.4	49
120	Dental Stem Cells: Their Potential in Neurogenesis and Angiogenesis. <i>Pancreatic Islet Biology</i> , <b>2016</b> , 217-241	2.4	41
119	Cryopreservation and Banking of Dental Stem Cells. <i>Advances in Experimental Medicine and Biology</i> , <b>2016</b> , 951, 199-235	3.6	20
118	Intraoperative Computed Tomography in Bilateral Sagittal Split Osteotomy. <i>Journal of Maxillofacial and Oral Surgery</i> , <b>2016</b> , 15, 461-468	0.9	0
117	Cardiac atrial appendage stem cells promote angiogenesis in vitro and in vivo. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2016</b> , 97, 235-44	5.8	14
116	Neuropathy of Trigeminal Nerve Branches After Oral and Maxillofacial Treatment. <i>Journal of Maxillofacial and Oral Surgery</i> , <b>2016</b> , 15, 321-327	0.9	12
115	A new mandible-specific landmark reference system for three-dimensional cephalometry using cone-beam computed tomography. <i>European Journal of Orthodontics</i> , <b>2016</b> , 38, 563-568	3.3	4
114	Cross-linking versus RAGE: How do high molecular weight advanced glycation products induce cardiac dysfunction?. <i>International Journal of Cardiology</i> , <b>2016</b> , 210, 100-8	3.2	21
113	Label-free mapping of microstructural organisation in self-aligning cellular collagen hydrogels using image correlation spectroscopy. <i>Acta Biomaterialia</i> , <b>2016</b> , 30, 258-264	10.8	8
112	Monitoring the Bystander Killing Effect of Human Multipotent Stem Cells for Treatment of Malignant Brain Tumors. <i>Stem Cells International</i> , <b>2016</b> , 2016, 4095072	5	8
111	The Neurovascular Properties of Dental Stem Cells and Their Importance in Dental Tissue Engineering. <i>Stem Cells International</i> , <b>2016</b> , 2016, 9762871	5	31
110	Angiogenic Capacity of Periodontal Ligament Stem Cells Pretreated with Deferoxamine and/or Fibroblast Growth Factor-2. <i>PLoS ONE</i> , <b>2016</b> , 11, e0167807	3.7	12
109	The role of mesenchymal stem/stromal cells in angiogenesis <b>2016</b> , 347-365		

108	Condylar Fracture in a Child with Entrapment of the Inferior Alveolar Nerve. <i>Craniomaxillofacial Trauma &amp; Reconstruction</i> , <b>2016</b> , 9, 149-51	1.3	
107	Quantification of bone quality using different cone beam computed tomography devices: Accuracy assessment for edentulous human mandibles. <i>European Journal of Oral Implantology</i> , <b>2016</b> , 9, 411-424		18
106	Accuracy of linear measurements using three imaging modalities: two lateral cephalograms and one 3D model from CBCT data. <i>European Journal of Orthodontics</i> , <b>2015</b> , 37, 202-8	3.3	41
105	Dental Stem Cells in Pulp Regeneration: Near Future or Long Road Ahead?. <i>Stem Cells and Development</i> , <b>2015</b> , 24, 1610-22	4.4	31
104	Different Ancestries of R Tailocins in Rhizospheric Pseudomonas Isolates. <i>Genome Biology and Evolution</i> , <b>2015</b> , 7, 2810-28	3.9	39
103	Assessment of bystander killing-mediated therapy of malignant brain tumors using a multimodal imaging approach. <i>Stem Cell Research and Therapy</i> , <b>2015</b> , 6, 163	8.3	11
102	Sensory innervation around immediately vs. delayed loaded implants: a pilot study. <i>International Journal of Oral Science</i> , <b>2015</b> , 7, 49-55	27.9	18
101	Systematic review of the incidence of inferior alveolar nerve injury in bilateral sagittal split osteotomy and the assessment of neurosensory disturbances. <i>International Journal of Oral and Maxillofacial Surgery</i> , <b>2015</b> , 44, 447-51	2.9	49
100	Artefact expression associated with several cone-beam computed tomographic machines when imaging root filled teeth. <i>International Endodontic Journal</i> , <b>2015</b> , 48, 994-1000	5.4	52
99	Neurogenic maturation of human dental pulp stem cells following neurosphere generation induces morphological and electrophysiological characteristics of functional neurons. <i>Stem Cells and Development</i> , <b>2015</b> , 24, 296-311	4.4	82
98	A systematic review on the innervation of peri-implant tissues with special emphasis on the influence of implant placement and loading protocols. <i>Clinical Oral Implants Research</i> , <b>2015</b> , 26, 737-46	4.8	16
97	Intraoperative Computed Tomography Ensures Inferior Alveolar Nerve Safety During Orthognathic Surgery. <i>Journal of Craniofacial Surgery</i> , <b>2015</b> , 26, 2018-9	1.2	
96	Neuropathic pain after bilateral sagittal split osteotomy: management and prevention. <i>Plastic and Aesthetic Research</i> , <b>2015</b> , 2, 171	4.5	2
95	Neuropathic pain after orthognathic surgery. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , <b>2014</b> , 117, e102-7	2	31
94	Mesenchymal stem/stromal cells as a pharmacological and therapeutic approach to accelerate angiogenesis. <i>Pharmacology &amp; Therapeutics</i> , <b>2014</b> , 143, 181-96	13.9	211
93	Sensitive in vivo cell detection using size-optimized superparamagnetic nanoparticles. <i>Biomaterials</i> , <b>2014</b> , 35, 1627-35	15.6	33
92	Controlling and monitoring stem cell safety in vivo in an experimental rodent model. <i>Stem Cells</i> , <b>2014</b> , 32, 2833-44	5.8	12
91	Genomic analysis of cyclic-di-GMP-related genes in rhizobial type strains and functional analysis in <i>Rhizobium etli</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2014</b> , 98, 4589-602	5.7	18

90	Presurgical CBCT assessment of maxillary neurovascularization in relation to maxillary sinus augmentation procedures and posterior implant placement. <i>Surgical and Radiologic Anatomy</i> , <b>2014</b> , 36, 915-24	1.4	10
89	Pro-angiogenic impact of dental stem cells in vitro and in vivo. <i>Stem Cell Research</i> , <b>2014</b> , 12, 778-90	1.6	81
88	In vivo hepatocyte MR imaging using lactose functionalized magnetoliposomes. <i>Biomaterials</i> , <b>2014</b> , 35, 1015-24	15.6	30
87	Validating cone-beam computed tomography for peri-implant bone morphometric analysis. <i>Bone Research</i> , <b>2014</b> , 2, 14010	13.3	15
86	The accuracy of image-guided navigation for maxillary positioning in bimaxillary surgery. <i>Journal of Craniofacial Surgery</i> , <b>2014</b> , 25, 1095-9	1.2	19
85	Safe surgical access to the mandibular nerve at the infratemporal fossae. <i>Journal of Craniofacial Surgery</i> , <b>2014</b> , 25, 1454-7	1.2	4
84	Effects of immediate and delayed loading on peri-implant trabecular structures: a cone beam CT evaluation. <i>Clinical Implant Dentistry and Related Research</i> , <b>2014</b> , 16, 873-83	3.9	19
83	Accuracy and reliability of 2D cephalometric analysis in orthodontics. <i>Revista Portuguesa De Estomatologia, Medicina Dentaria E Cirurgia Maxilofacial</i> , <b>2014</b> , 55, 135-141	0.6	3
82	Attachment rate of the inferior alveolar nerve to buccal plate during bilateral sagittal split osteotomy influences self-reported sensory impairment. <i>Journal of Craniofacial Surgery</i> , <b>2014</b> , 25, 2121-6	1.2	8
81	Human dental pulp stem cells can differentiate into Schwann cells and promote and guide neurite outgrowth in an aligned tissue-engineered collagen construct in vitro. <i>FASEB Journal</i> , <b>2014</b> , 28, 1634-43	0.9	126
80	Peri-implant bone innervation: histological findings in humans. <i>European Journal of Oral Implantology</i> , <b>2014</b> , 7, 283-92		9
79	Dental stem cells and their promising role in neural regeneration: an update. <i>Clinical Oral Investigations</i> , <b>2013</b> , 17, 1969-83	4.2	67
78	Visibility of mandibular canal on panoramic radiograph after bilateral sagittal split osteotomy (BSSO). <i>Surgical and Radiologic Anatomy</i> , <b>2013</b> , 35, 233-40	1.4	15
77	Risk factors for the development of lower border defects after bilateral sagittal split osteotomy. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2013</b> , 71, 588-96	1.8	18
76	Validation of the cone beam computed tomography-based stereolithographic surgical guide aiding autotransplantation of teeth: clinical case-control study. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , <b>2013</b> , 115, 667-75	2	49
75	CBCT-based predictability of attachment of the neurovascular bundle to the proximal segment of the mandible during sagittal split osteotomy. <i>International Journal of Oral and Maxillofacial Surgery</i> , <b>2013</b> , 42, 308-15	2.9	17
74	Predicted versus executed surgical orthognathic treatment. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , <b>2013</b> , 41, 547-51	3.6	5
73	Self-reported hypoesthesia of the lower lip after sagittal split osteotomy. <i>International Journal of Oral and Maxillofacial Surgery</i> , <b>2013</b> , 42, 823-9	2.9	19



72	Validation of anatomical landmarks-based registration for image-guided surgery: an in-vitro study. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , <b>2013</b> , 41, 522-6	3.6	34
71	Effect of isolation methodology on stem cell properties and multilineage differentiation potential of human dental pulp stem cells. <i>Cell and Tissue Research</i> , <b>2013</b> , 353, 65-78	4.2	149
70	Local overexpression of interleukin-11 in the central nervous system limits demyelination and enhances remyelination. <i>Mediators of Inflammation</i> , <b>2013</b> , 2013, 685317	4.3	23
69	Accuracy of upper jaw positioning with intermediate splint fabrication after virtual planning in bimaxillary orthognathic surgery. <i>Journal of Craniofacial Surgery</i> , <b>2013</b> , 24, 1871-6	1.2	66
68	The highly autoaggregative and adhesive phenotype of the vaginal <i>Lactobacillus plantarum</i> strain CMPG5300 is sortase dependent. <i>Applied and Environmental Microbiology</i> , <b>2013</b> , 79, 4576-85	4.8	47
67	<sup>18</sup> F-FDG labeling of mesenchymal stem cells and multipotent adult progenitor cells for PET imaging: effects on ultrastructure and differentiation capacity. <i>Journal of Nuclear Medicine</i> , <b>2013</b> , 54, 447-54	8.9	53
66	Evaluation of 3 different registration techniques in image-guided bimaxillary surgery. <i>Journal of Craniofacial Surgery</i> , <b>2013</b> , 24, 1095-9	1.2	16
65	Canonical and non-canonical EcfG sigma factors control the general stress response in <i>Rhizobium etli</i> . <i>MicrobiologyOpen</i> , <b>2013</b> , 2, 976-87	3.4	22
64	Magnetic resonance imaging of human dental pulp stem cells in vitro and in vivo. <i>Cell Transplantation</i> , <b>2013</b> , 22, 1813-29	4	37
63	Problems during orthognathic surgery resulting from errors in diagnostic wax bite. <i>Journal of Craniofacial Surgery</i> , <b>2013</b> , 24, 999-1001	1.2	7
62	Variability in contrast agent uptake by different but similar stem cell types. <i>International Journal of Nanomedicine</i> , <b>2013</b> , 8, 4577-91	7.3	14
61	Angiogenic properties of human dental pulp stem cells. <i>PLoS ONE</i> , <b>2013</b> , 8, e71104	3.7	134
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